AEE/SSD/SBR/000016 dt. 08/06/18

First/Part/Final — Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other words) — Date: .....

Division :DASARAHALLI DIVISION

bill received no .....dated... ... Sub division..... — Book voucher No.....

Dated.....Scheduled Docket No..... — Head of Account.....

Name of work (as per Sanctioned Estimate.) **Improvements of Asphalting at Ashwathkatte Surrounding Area in Mallasandra W-13 Shettyhalli Sub Division.**

Name of contractor and full address: **M/S KRIDL**

Reference to Agreement No. EE/DD/WO/ 220 /17-18, Dated: 07/ 02 /2018

Certified that the measurements were taken by me on 07/05/2018 and recorded in pages 63268 - 78

Measurements Book No 633/2017-18 And that the work is satisfaction executed.

Contractor. — Officer-in-charge of work.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurements were taken by me on 07/5/2018 and found correct. The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of payment — **Work Code No. 013-18-000065** — Sub-Division Officer

		AMOUNT
1.	Total value of work done or Supplies made as per account.	
2.	Deduct amount to be held in reserve being .....percent Rs.....	
3.	Deduct amount to be held in reserve being balance	
4.	Deduct payments:	
	a) Amount of previous payment as in the office cash book voucher No.....Dated.....S.D.No..... Amount adjusted towards cash advance recovery of	
	b) Payment cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office cash book vehicle No..... Dated.....less adjustments.	
7.	Net amount due to or from contractor unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) Within value of Government materials supplied.	
	Total amount adjusted:	4516569=00

Final Bill → 4999098=00
ID → 99982=00
FD → 249955=00
Total → 482529=00
EWC → 49991=00
LR → 7602=00
CBF → 4999=00

Contractor signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs..... (In words)

.....by cash and by adjustment of

Payment as per memorandum.
(In final settlement of all demand)

(for use in the office)

Witness:
1.
2.

Date:
Paid by me by cheque No.....Dated.....
Cash Rs.....dated.....
Initials of officer making payment dated.....

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Audited and admitted for Rs. 4999098=00
Passed by Cheque for Rs. 4516569=00

Contractor Signature. 482529 Executive Engineer.

Accounts Superintendent — Exe. Engineer
B.B.M.P. Desarahalli Division

Sl. No.	Description	Unit	Previous M
			Qty
	2	3	4
1	Removing and resetting of footpath slab	Sqm	-
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-
3	Providing and Laying Pre cast drain cover slab of 100mm thickness in CM 1:3 including cost of all materials,labour,curing,transportation,loading,unloading etc.,as per directions of the Engineer-in-charges. {Data Rate Approved}	Sqm	-
4	Removing and resetting of kerb stones	M	-
5	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete	No's	-
6	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	-
7	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301	Cum	-
8	400 Stone dust / Grit	Cum	-
9	KSRRB M400-6.1. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - Close graded granular sub-base material as per 400-1 For Grading- I Material	Cum	-
10	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3	Cum	-
11	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	-

ne	Present Measurement			Total Up-to-date		Remarks
Cost	Qty	Rate	Cost	Qty	Cost	
5	6	7	8	9	10	11
-	1049.76	132.50	139093.20	1049.76	139093.20	
-	261.48	186.92	48875.84	261.48	48875.84	
-	116.64	1957.00	228264.48	116.64	228264.48	
-	3780.00	65.72	248421.60	3780.00	248421.60	
-	933.33	331.78	309660.23	933.33	309660.23	
-	1890.00	63.60	120204.00	1890.00	120204.00	
-	680.70	148.76	101260.93	680.70	101260.93	
-	152.00	848.00	128896.00	152.00	128896.00	
-	226.35	1665.26	376931.60	226.35	376931.60	
-	1889.00	5.30	10011.70	1889.00	10011.70	
-	340.02	1768.08	601182.56	340.02	601182.56	

12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	-
13	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm	-
14	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	-
15	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-1 (80 mm to 100mm) with 3.1 % VG-30 Bitumen	Cum	-
16	KSRRB M500-19. Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-I (50 to 65 mm) with 5.5 % VG-30 Bitumen	Cum	-
17	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	-

CERTIFICATE :

It is Certified that the Contractor has completed the work satisfactorly

He has removed the debries from work spot

Quality Control Test Report and Photo graphs are enclosed along with bills

Design Rep

	2543.00	27.56	70085.08	2543.00	70085.08	
	3519.00	3.18	11190.42	3519.00	11190.42	
	3519.00	12.72	44761.68	3519.00	44761.68	
	128.65	5730.36	737210.81	128.65	737210.81	
	140.76	8118.54	1142765.69	140.76	1142765.69	
	194.40	542.72	105504.77	194.40	105504.77	
Sub Total			4424320.60		4424320.60	
Checking PMC Charges 2%			88486.41		88486.41	
KRIDL Charges 10+1%			486675.27		486675.27	
Grand Total			4999482.27		4999482.27	

4423980=00

4423980=00

486638=00

486638=00

4910618=00

4910618=00

88480=00

4999098=00

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